Miele
PROFESSIONAL

Operating instructions

Commercial dishwasher G 8072

To avoid the risk of accidents or damage to the machine it is **essential** to read these operating instructions before it is installed, commissioned and used for the first time.

GB

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Description of the machine

Areas of application

This Miele dishwasher is a commercial machine with a tank system and hood for washing crockery and cutlery in restaurants, hotels and other commercial catering establishments.

How the dishwasher works

After switching the machine on, water is heated up in the integral boiler. The tank is gradually filled with the heated water during the heat-up phase.
The tank system enables the dishwasher to be used continuously, as there is a constant supply of water at the correct temperature available.
During the heat-up phase, the programme control ◈ lights up red to indicate that the machine is not yet ready. As soon as the water in the boiler and tank reaches the correct temperature, the dishwasher is ready to use, and the programme control ◈ then shows green.
Crockery is loaded into baskets which are designed for use in through-feed dishwashers. The hood is lowered into the shut position, and the machine is now ready to use. During use, the programme control ◈ lights up blue.

The dishwasher is fitted with an automatic start mechanism on the hood. Shutting the hood starts the machine on the last selected programme.

The selected programme remains active until a different programme is selected.

The reservoir for the rinsing agent is separate from the dishwasher, and rinsing agent is dispensed automatically as required.

Cleaning agent has to be added either manually or via an optional liquid cleaning agent dispenser.

If the hood is lifted whilst the machine is in use, the programme and water flow is interrupted until the hood is shut again.

Optional features

Machines may be fitted with a dispenser for liquid cleaning agents.

A water softener is also available, in either an integrated or external version.

Information for the user

It is important that you are fully conversant with the functioning and operation of your machine and any optional features. Take particular note of:

– the effect of the water temperature on washing results (see sections "How the dishwasher works" and "Preparation")

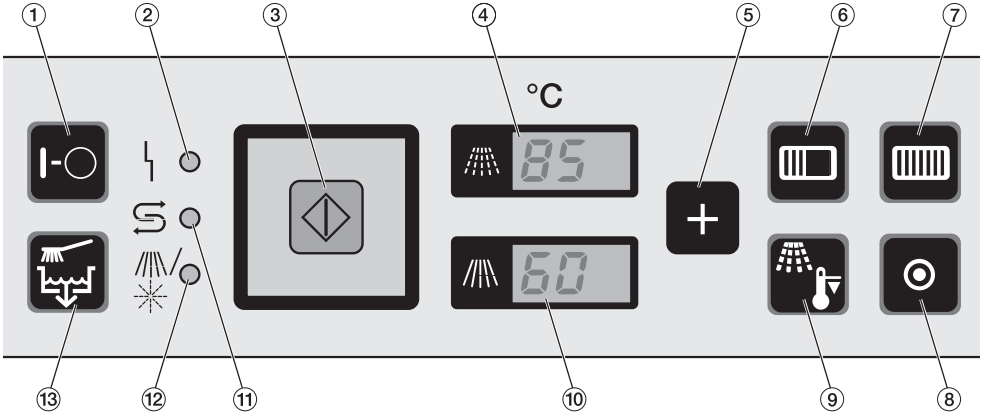
– the effect of cleaning agents and rinsing agents on washing results (see section "Venting and programming the dispensing system")

– the importance of clearing the plates before washing, and the usage of the individual baskets as well as the correct loading of crockery and cutlery into the baskets (see section "Loading the baskets")

– the importance of correct manual dispensing of powder detergents (see section "Adding cleaning agent and rinsing agent")

Finding your way around the machine

Controls



① On/Off control

② Fault light

③ Universal programme control

④ Boiler water temperature display ***)**

⑤ Control for special programmes

⑥ Control for short programme

⑦ Control for intensive programme

⑧ Miele Service Technician's fault diagnosis control (for use by a Miele Service Technician only)

⑨ Control to activate lower temperature in the final rinse of a programme

⑩ Tank water temperature display ***)**

⑪ Salt refill indicator light

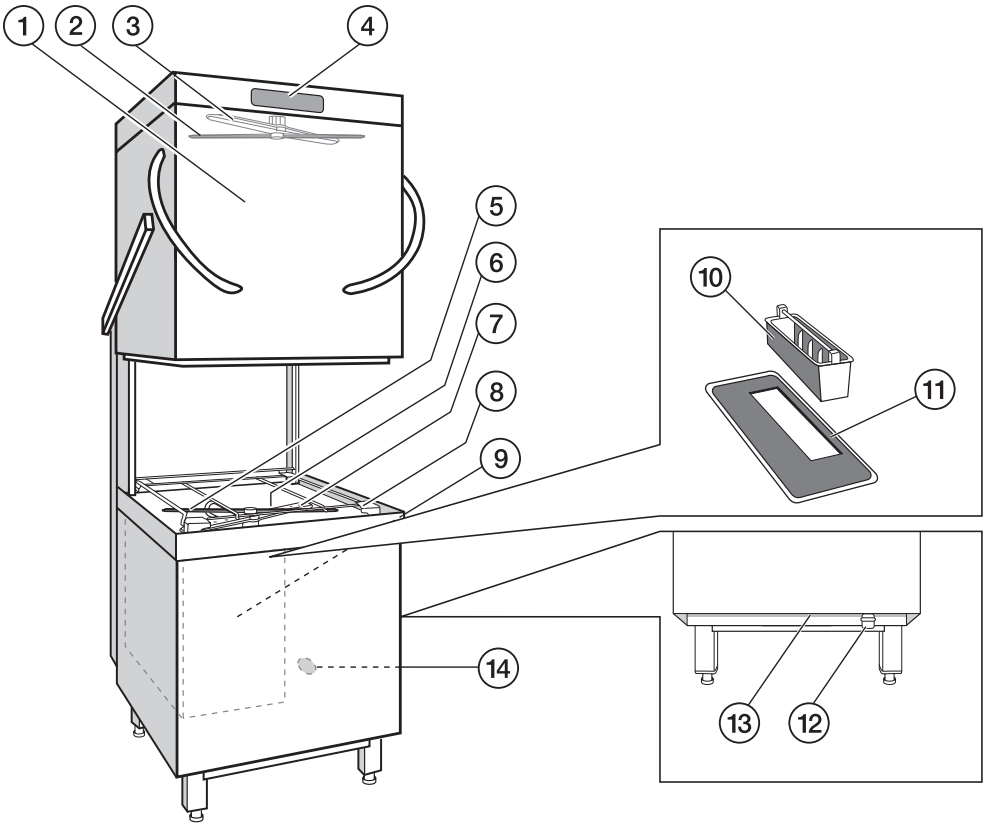
⑫ Indicator light to show low levels of rinsing agent or liquid cleaning agent (a dispenser for liquid cleaning agent is available as an optional extra)

⑬ Control/indicator light for emptying tank and self-cleaning programme

***)** only by operating programme controls

Finding your way around the machine

Description of the machine



① Hood

② Top spray arm for rinse

③ Top spray arm for main wash

④ Control panel

⑤ Bottom spray arm for rinse

⑥ Reactivation salt reservoir with optional water softener to the right at the bottom of the dishwasher cavity

⑦ Bottom spray arm for the main wash

⑧ Basket carrier with adjustable rails

⑨ Water tank with heating element (on right side wall).
Be careful Danger of burning!
See "Warning and Safety instructions".

Filter combination

⑩ Basket filter

⑪ Wide surface area filter

To the rear:

⑫ Water outlet

⑬ Connection points for optional rinsing agent (red) and liquid cleaning agent (blue) dispensers

Right hand side panel:

⑭ Water inlet hose connection point

This machine complies with all relevant local and national safety requirements. Incorrect use can, however, lead to personal injury and damage to property.
Read the operating instructions carefully before starting to use this machine. This way you will avoid the risk of accidents and damage to the machine.
Keep these instructions in a safe place for reference, and pass them on to any future user.

Correct use

This machine is designed for commercial use only, as described in these Operating Instructions.
Alterations to the machine, or using it for purposes other than those for which it was designed, are unauthorised and could cause harm.
The manufacturer cannot be held liable for damage caused by improper or incorrect use of the machine.

This equipment is not designed for maritime use or for use in mobile installations such as caravans, aircraft etc. However it may be suitable for such usage subject to a risk assessment of the installation being carried out by a suitably qualified engineer.

Please pay attention to the following notes to avoid injury and damage.

This machine should be commissioned and then maintained only by a Miele authorised and trained Service Technician or other suitably qualified and competent approved person. Repairs and other work by unqualified persons could be dangerous.

Do not install the machine in an area where there is any danger of explosion or of freezing conditions.

The electrical safety of this machine can only be guaranteed if connected to a correctly installed earthing system on site. It is most important that this basic safety requirement is tested regularly, and where there is any doubt, the on-site wiring should be checked by an electrician.
The manufacturer cannot be held liable for the consequences of an inadequate earthing system (e.g. electric shock).

A damaged machine is dangerous. Switch off at the mains immediately and call the Miele Service Department or an authorised and trained Miele Service Dealer or other suitably qualified and competent approved person.

Personnel operating the machine should be trained regularly. Untrained personnel should not be allowed access to the machine or its controls.

This machine is not a toy! Do not allow children to play in or around it or to operate it. There is a danger that they could injure themselves or get into the machine and lock themselves in.

Take care when handling liquid agents and additives. These may contain irritant or corrosive ingredients. Do not use organic solvents as these could cause an explosion.
Follow all relevant safety procedures carefully. Wear protective gloves and goggles. With all chemical agents the manufacturer's safety conditions must be observed.

Avoid inhalation of powder cleaners. They can cause burning in the mouth and throat if swallowed, or inhibit breathing.

The water in the machine must not be used as drinking water.

Be careful when sorting items with sharp pointed ends and positioning them in the machine that you do not hurt yourself or create a danger for others operators. Sharp knives etc. should be placed in baskets with the pointed ends facing downwards.

When using this machine in the higher temperature ranges be especially careful not to scald or burn yourself when opening the hood. Baskets and inserts must be allowed to cool down before they are unloaded. Any water remaining in containers could still be very hot. Empty them into the wash cabinet before taking them out.

Do not touch the heating elements if you open the hood during or directly after the end of a programme as you could burn yourself. The elements remain hot for some time after the end of the programme.

Never clean the machine or near vicinity with a water hose or a high pressure hose.

Before any maintenance or repair work is carried out, the machine must be disconnected from the mains supply by switching off at the mains isolator or withdrawing the mains fuse.

The following points should be observed to assist in maintaining quality standards, to protect users, and to avoid damage to items being cleaned.

Only use Miele approved cleaning agents in this machine. Use of unsuitable cleaning agents could adversely affect the components of the machine as well as items being cleaned.

Only use low-foaming cleaning agents which have been approved by Miele. Foam can have an adverse effect on the cleaning process.

Where a chemical additive is recommended on technical application grounds (e.g. a cleaning agent), this does not imply that the manufacturer of the machine takes liability for the effect of the chemical on the items being cleaned.
Please be aware that changes in formulation, storage conditions etc. which may not be publicised by the chemical manufacturer, can have a negative effect on the cleaning result.

When using cleaning agents and specialised products it is essential that the manufacturer's instructions are followed. They must only be used for the purpose for which they are designed to avoid such dangers as chemical reactions and material damage.

The machine is designed only for operation with water and cleaning agents. Organic solvents must not be used in the machine, as there is the danger under certain circumstances of explosion. (Although this is not the case with all organic solvents, other problems could arise with their use, for example damage to rubber and synthetic materials).

In critical applications where very stringent requirements have to be met, it is strongly recommended that all the relevant factors for the process, such as cleaning agent, water quality etc., are discussed with the Miele Application Technology specialists.

The special inserts should only be used for their specific application.

Empty any containers or utensils before arranging them in the machine.

Do not allow any remains of acids or solvents, and in particular hydrochloric acid or chloride solutions, to get into the wash cabinet. Similarly avoid any materials with a corrosive effect.
The presence in compounds of any solvents should be minimal (especially those in hazard class A1).

To avoid any corrosion damage, ensure that solutions or steam containing hydrochloric acid do not come into contact with the steel outer casing of the machine.

Please follow the advice on installation in these instructions and the separate Installation Instructions.

Using accessories

Only use genuine Miele accessories with this machine. Consult Miele on the type and application of such equipment.

Disposing of your old machine

Before disposing of your old machine first make it unusable. Disconnect from the mains, cut off the cable near the machine and any plug from the cable.
For environmental and safety reasons ensure the machine is completely drained of any residual water and cleaning agent. (Observe safety regulations and wear safety goggles and gloves).
Make the door lock inoperative, so that children cannot accidentally shut themselves in. Then make appropriate arrangements for the safe disposal of the machine.

The manufacturer cannot be held liable for damage caused by non-compliance with these Warning and Safety instructions.

Disposal of the packing material

The transport and protective packing has been selected from materials which are environmentally friendly for disposal and can normally be recycled.

Ensure that any plastic wrappings, bags etc. are disposed of safely and kept out of the reach of babies and young children. Danger of suffocation!

Rather than just throwing these materials away, please ensure that they are recycled.

Disposal of your old machine

Old machines contain materials which can be reclaimed or recycled. Please contact your dealer, your waste collection centre or scrap merchant about potential recycling schemes.

Ensure that the machine presents no danger to children while being stored for disposal.

See the appropriate section in the Warning and Safety instructions.

Before using for the first time please pay special attention to the following points. Detailed information on these points can be found in the relevant sections of these Operating Instructions.

Water softener

For machines without an integral water softener, a separate water softener is recommended in areas with a water hardness > 3 °d (0.5 mmol/l).

Only use cleaning and rinsing agents formulated for use in this type of machine.

Dispense these according to the manufacturer's instructions. Using less than advised can adversely affect the cleaning result.

Load the machine carefully.

Arrange the load so that water will come into contact with all surfaces. Concealed surfaces will not be cleaned.
The spray arms must not be blocked by any items.

The filter combination at the base of the wash cabinet and the spray arms must be kept clean.

Regular checking and cleaning is essential.

Everything you need to know about the water softener

The water needs to be softened to avoid calcium deposits building up on utensils and in the machine itself.

To ensure a steady supply of soft water the water softener unit must always be:

1. correctly programmed and
2. the salt reservoir must be filled.
   If the water hardness level is below 3 °d - German scale (0.5 mmol/l) the reservoir does not need to be filled with reactivation salt.

The machine is set at the factory for a water hardness level of 25 °d (4.5 mmol/l).

If the water supply is harder or softer than this (including below 3 °d or 0.5 mmol/l) the factory setting will need to be changed following the instructions in "Setting the water softener". See chart on the next page for settings.

Your local water authority will advise you on the water hardness in your area.

For future servicing it is useful to make a note of your water hardness level.

Enter your water hardness level here:
mmol/l / _____°d

For fluctuating levels e.g. 8 - 17 °d (1.4 - 3.1 mmol/l) set the water softener to the highest setting. In this example to 17 °d (3.1 mmol/l).

Important
The built-in water softener has settings from 1 °d - 25 °d (0.2 - 4.5 mmol/l).

Settings

°d (German scale)	mmol/l	°f	**Setting**
1	0.2	2	**1**
2	0.4	4	**2**
3	0.5	5	**3**
4	0.7	7	**4**
5	0.9	9	**5**
6	1.1	11	**6**
7	1.3	13	**7**
8	1.4	14	**8**
9	1.6	16	**9**
10	1.8	18	**10**
11	2.0	20	**11**
12	2.2	22	**12**
13	2.3	23	**13**
14	2.5	25	**14**
15	2.7	27	**15**
16	2.9	29	**16**
17	3.1	31	**17**
18	3.2	32	**18**
19	3.4	34	**19**
20	3.6	36	**20**
21	3.8	38	**21**
22	4.0	40	**22**
23	4.1	41	**23**
24	4.3	43	**24**
25*)	4.5	45	**25**

***)** factory setting

Programming the water softener

On machines with integral water softeners, programme the water softener as follows.

- Press the control to switch the machine off.
- Press and hold controls +, and , and whilst doing so press to switch the machine on.

  P 19 will appear in the top display and the total water hardness level will appear in the bottom display in °d (25 in the display equates to 25°d or 4.5 mmol/l).
- Press or until the required hardness level shows in the bottom display.
- Save the reading by pressing the + control.
- Press control to switch the machine off.

If the water hardness level changes, enter the new level following the above instructions.

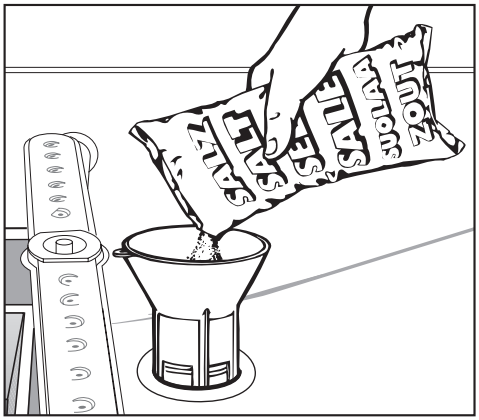
If the mains water hardness level is over 25 °d (4.5 mmol/l), please contact the Miele Professional Department about an on-site water softening system.

Adding reactivation salt

⚠ Only put reactivation salt in the salt dispenser. Inadvertently filling the salt reservoir with cleaning agent will damage the water softener. Before filling the salt reservoir make sure that you have selected reactivation salt to put in it!

⚠ Please only use special coarse grained reactivation salt with granules of approx. 1-4 mm. Do not use other types of salt, e.g. table salt, agricultural or gritting salt. These could contain components which are insoluble in water which could result in damage to the water softener. If in doubt consult the Miele Professional Department.

- Remove the basket from the machine.
- Remove the basket carrier from the machine.
- Unscrew the salt reservoir cap.
- Fill the salt reservoir to the brim with fresh water (only necessary the first time of using).



- Place the funnel provided in place.
- Fill carefully with 1.5 kg of reactivation salt. As it is filled displaced water will run out.
- Remove the funnel.
- Wipe any residual salt off the screw threads on the socket.
- Screw the cap back onto the salt reservoir - do not overtighten.
- Re-fit the basket carrier and
- the basket.
- Run the self-cleaning programme immediately to rinse out any residual salt.

Water softener

Salt indicator light

When the ⇆ indicator lights up in the display, the reactivation salt will need to be replenished. See "Adding reactivation salt".

The water woftener runs automatically during a programme.

Preparing the load for washing, and loading the machine

Preparing the load

- Empty all containers and scrape residual food from crockery before loading into the machine. Inadequate pre-cleaning will block the filters and reduce the washing efficiency of the machine.

Please note:

- Load items so that water will come into contact with all surfaces. This ensures that they will be properly cleaned.
- Do not place items to be cleaned inside other pieces where they may be concealed.
- Hollow vessels such as cups, glasses, pots etc. should be inverted and placed in the correct inserts. The water must be able to access them unhindered.
- Deep based items should be placed at an angle to make sure water runs off them freely.
- Tall, narrow pieces should be placed in the centre of the baskets to ensure better water coverage.
- The spray arms must not be blocked by items which are too tall or which hang down in their path. If necessary, manually rotate the arms to test.
- Cutlery should be placed in the cutlery holders with the handles facing downwards.

Select baskets and inserts which are appropriate for the application.

Items which are unsuitable for the dishwasher

- Cutlery with wooden or horn handles.
- Wooden or plastic cutting boards.
- Heat sensitive plastic items (see "Programmes with reduced final rinse temperature")

Please note:

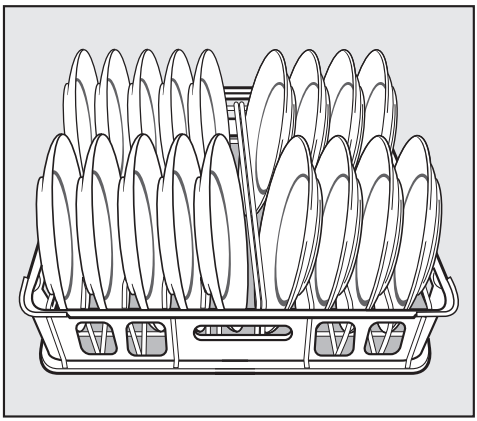
- Silver and aluminium items can become discoloured.
- Clouding may occur on glasses after frequent washing.

See examples on the following pages.

Loading examples

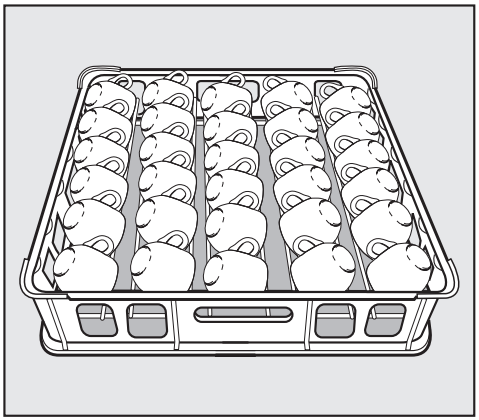
The dishwasher can be supplied with a standard range of baskets, or with baskets to suit your individual requirements. The diversity of inserts and baskets is so great that it is not possible to illustrate them all or give detailed instructions on their use here. For further information contact your supplier.

The following illustrations show the most popular baskets with examples of loading plates, cups and cutlery.



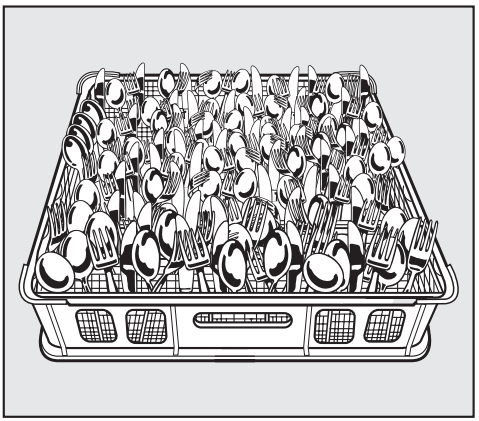
U 200 plastic basket with insert

for 18 plates up to 250 mm diameter
Distance between spikes 45 mm



U 201 plastic basket with insert

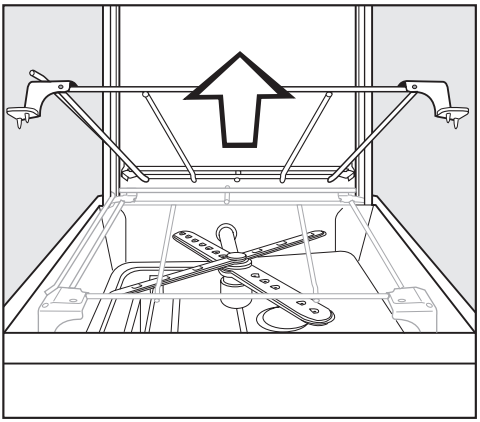
for 30 cups



U 204 plastic basket with cutlery insert

Fitting the basket carrier

The basket carrier is adjustable. The rails for the baskets can be fitted to the optional console, universal or feed-in table, so that the baskets can travel through the machine in a straight line or through it at a right angle.



- Remove the basket carrier from its mounting.
- Underneath the basket carrier you will find two screws at either end of one of the rails. The other rail is not removable.
- Loosen the screws.
- Remove the rail.
- Position the rail as required.
- Screw the rail back onto the basket carrier.
- Put the basket carrier back on its mounting.

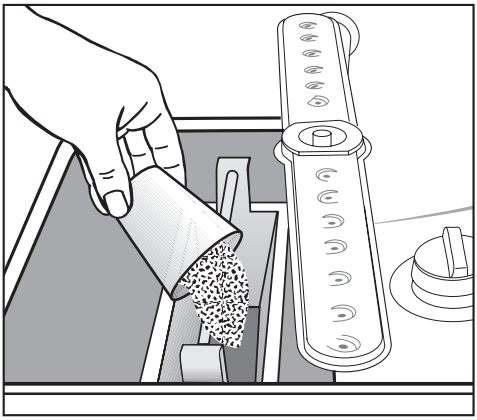
Adding cleaning agent and rinsing agent

Only use cleaning agents formulated for use in this type of machine. Do not use detergents formulated for domestic dishwashers.

Cleaning agent can be dispensed in powder form using the filter basket, or in liquid form using an optional DOS module dispensing unit.

Adding powder cleaning agents manually

Warning: Do not add the powder cleaning agent until the water in the tank has reached the correct temperature.



Dosage: Liquid detergents are measured and dispensed automatically. If powder detergent is being used, about 120 g should be added manually the first time the machine is used.

Topping up the cleaning agent:
Powder cleaning agent will need to be replenished manually after about 5 washes. Pour about 50 g into the basket filter.

Follow manufacturer's instructions if they differ.

Note: As an optional extra this machine can also be fitted with an external DOS module dispenser pump for liquid detergent.
For information on venting the dispensing system and on programming in the recommended amount of cleaning agent, see "Venting the liquid dispensing system" and "Programming the dosage for liquid cleaning agent".

Adding rinsing agent

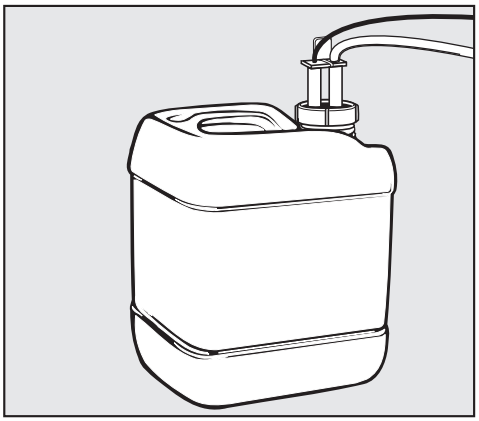
Rinsing agent can also be dispensed automatically using a DOS module dispensing system.

For information on adding rinsing agent via a DOS module, venting the dispensing system and programming in the recommended amount of rinsing agent, see "Venting the rinsing agent dispensing system" and "Programming the rinsing agent dispensing system."

Venting the liquid dispensing system

If your machine is fitted with a liquid dispensing system:

- Fill the container with liquid cleaning agent.



- Insert the siphon tube **(blue)** into the container and screw tight.
- The dishwasher must be switched off; if not, press the control to switch off.
- Press and hold controls and together, and at the same time switch on the dishwasher by pressing . P11 will appear in the display.
- Press and hold control . The cleaning agent dispenser will vent itself, and will then run more quietly.
- Switch off the dishwasher by pressing control to exit from input mode.

Programming the dosage for liquid cleaning agent

If your machine is fitted with a liquid dispensing system, and you want to programme it yourself:

Whilst programming in the cleaning agent amount, P11 will show in the display, and the current cleaning agent concentration will show in the display. A value of 10 equates to 1.0 ml/l (the decimal point is not displayed).

- The dishwasher must be switched off; if not, press the control to switch off.
- Press and hold controls and together, and at the same time switch on the dishwasher by pressing .
- Press and hold control . The operating hour that the current cleaning agent concentration was programmed will show in the display.
- Press control . The cleaning agent concentration will be reduced to a minimum of 1.0 ml/l, or 10 in the display.
- Press control . The cleaning agent concentration will be increased to a maximum of 5.0 ml/l, or 50 in the display.
- Press control . The setting will now be stored in memory.
  Control will light up red.
- Press to switch the machine off.

Measuring the cleaning agent

If your machine is fitted with a liquid dispensing system, and you want to programme it yourself:

- The dishwasher must be switched off; if not, press the control to switch off.
- Press and hold controls and together, and at the same time switch on the dishwasher by pressing .
- Press and hold control . The value of the **last** cleaning agent concentration will show in display .
- Press and hold and . The operating hour that the current cleaning agent concentration was **last** programmed will show in the display.
- Press and hold . The value of the **penultimate** cleaning agent concentration will show in display .
- Press and hold and . The operating hour that the cleaning agent concentration was **penultimately** programmed will show in the display.

Changing the brand of liquid cleaning agent

If you change the brand of your liquid cleaning agent, you should rinse the system out with fresh water, even if the new cleaning agent is made by the same manufacturer.

Otherwise there is a risk of the dispenser pump breaking down due to crystallisation arising from the mixing of different agents. Proceed as follows:

- Remove the siphon, and place in a container filled with fresh water.
- Press control for 3 seconds to drain the dishwasher with the self-cleaning programme. It will switch off automatically.
- Press control .
  The heating up phase will begin. The programme control will light up red. The boiler and tank will fill up with water, and the water will heat up.

  Control will light up green when the filling and heating phase is complete. Cleaning agent will not be dispensed during this procedure.
- Press control for 3 seconds to drain the dishwasher with the self-cleaning programme. It will then switch off automatically.

- Refit the siphon into the new cleaning agent container.
- Press I-O.
  The heating up phase will begin. The programme control ◇ will light up red. The boiler and tank will fill up with water, and the water will heat up.

  Control ◇ will light up green when the filling and heating phase is complete. The dishwasher is ready for the new brand of cleaning agent.
- Use the machine as normal.

Venting the rinsing agent dispensing system

Before using the machine for the first time, or if the container has not been replenished on time or has been allowed to empty, the rinsing agent dispensing system must be vented. To do this:

- Remove the siphon from the rinsing agent container **(red)**.
- Fill the container with rinsing agent, or exchange the empty container for a full one.
- Insert the siphon tube into the container and securely tighten it.
- Switch the dishwasher off by pressing I-O.
- Press and hold controls ◇ and 🧽 together, and at the same time switch on the dishwasher by pressing I-O.
- Press and hold control ◇, and at the same time press 🧽 **twice** in succession.
  P10 will show in the ⁂ display.
- Press and hold control 🧽 until the dispenser is vented - the dispenser will then run more quietly.
- Press I-O to exit from input mode and switch the dishwasher off.

Programming the rinsing agent dispensing system

Whilst programming in the amount of rinsing agent, P10 will show in the display, and the current rinsing agent concentration will show in the display. A value of 10 equates to 0.1 ml/l (the decimal point is not displayed).

- The dishwasher must be switched off; if it is not, press to switch it off.
- Press and hold and and at the same time switch on the dishwasher by pressing .
- Press and hold control , and at the same time press **twice** in succession.
- Press control . The rinsing agent concentration will be reduced to a minimum of 0.1 ml/l, or 10 in display .
- Press control . The rinsing agent concentration will be increased to a maximum of 0.5 ml/l, or 50 in display .
- Press control to save the new value.
  The control will light up red.
- Press to switch the machine off.

Monitoring the rinsing agent dosage

- Check for any drying stains on washed items, and adjust the dosage if necessary.

– The dosage is correct if items dry evenly without marks.

– You are using too much rinsing agent if washed items are marked after drying.

– You are using too little rinsing agent if there are drops of water on items after drying.

If you are using an external dispensing system

You will require external dispensing pumps to be fitted; please contact Miele Professional for advice.

Programme	Duration	When to use
Universal programme (control ( ))	120 s	for normal everyday loads with medium drying time
Short programme (control)	60 s	for lightly soiled loads with short or no drying time
Intensive programme (control)	180 s	for heavily soiled loads with long drying time
Universal programme with reduced final rinse temperature	120 s at 65 °C	for washing glasses and temperature sensitive plastics (other final rinse temperatures can only be altered by a Miele Service Technician)
Short programme with reduced final rinse temperature	60 s at 65 °C	
Intensive programme with reduced final rinse temperature	180 s at 65 °C	
Emptying the tank/self-cleaning programme (control)	Approx 200 s	for cleaning inside the cabinet. The dirty water will automatically be pumped away. Once the self-cleaning programme has finished, the dishwasher will switch itself off automatically.

Note:
Using the short programme (60 s) continually, can result in an increased programme duration.

- Open the stopcock to the water supply.
- Switch on the electricity at the mains.
- Check that automatic cleaning agent and rinsing agent dispensers are full, if applicable (see indicator lights on control panel).

⚠ Be careful not to splash cleaning agent or rinsing agent on your skin, as they can cause irritation. Follow safety advice given on the packaging. Wear protective gloves and safety goggles.

- If the dispensers are not full: Re-fill the container, or exchange the empty one for a full one.

For machines with an external dispensing system (optional feature), please follow the appropriate instructions.
Only use cleaning agents formulated for this machine.

- Check that all the filters are in place.
- Do not load the machine yet.
- Shut the hood and leave it shut during the heat-up phase.
- Press the On/Off switch (I-O).
  The heating up phase will begin. The programme control ◈ will light up red. The boiler and tank will fill up with water, and the water will heat up. Control ◈ will light up green when the filling and heating phase is complete.
- Lift the hood.

- If powder cleaning agent is being dispensed manually:
  add approx. 120 g powder cleaning agent into the basket filter (see section "Adding powder detergent manually").
- Put one loaded basket only into the dishwasher.
- Close the hood.
- To select the **Universal programme**, press ◈.
  Whilst the programme is running, control ◈ will light up blue.
  When the programme is finished, control ◈ will light up green.
- Lift the hood.
- Remove the basket.
- Check the basket filter for coarse soiling, and clean if necessary. The basket filter can be removed without emptying the tank.

⚠ Caution: danger of scalding with hot water. Only lift the filter from the tank by the handle; otherwise you may get scalded by the hot water in the tank.

After the first cycle, the machine will start automatically when the hood is shut.

Short programme for lightly soiled loads

- Place the basket into the machine.
- Close the hood.
- Press control +.
- Press control .
- Press control .
  The short programme starts. The machine starts automatically when the hood is shut.

Intensive programme for heavily soiled loads

- Place the basket into the machine.
- Close the hood.
- Press control +.
- Press control .
- Press control .
  The intensive programme will begin. The machine starts automatically when the hood is shut.

Programmes with reduced final rinse temperature

⚠ Caution: danger of scalding with hot water. After selecting a reduced final rinse temperature, the next wash programme will still use the previous higher final rinse temperature.

Control will keep flashing until a different programme is selected. After a special programme has been started for the first time, every time it is used again it will start automatically when the hood is shut.

Universal programme with reduced final rinse temperature

- Place the basket into the machine.
- Close the hood.
- Press control +.
- Press control .
- Press control .
  The programme will begin. The machine starts automatically when the hood is shut.

Short programme with reduced final rinse temperature

- Place the basket into the machine.
- Close the hood.
- Press control +.
- Press control .
- Press control .
- Press control .
  The programme starts.
  The machine starts automatically when the hood is shut.

Intensive programme with reduced final rinse temperature

- Place the basket into the machine.
- Close the hood.
- Press control +.
- Press control .
- Press control .
- Press control .
  The programme will start.
  The machine starts automatically when the hood is shut.

Changing programme

The Universal and Special programmes can be changed whilst the hood is either open or closed.

Changing a Special programme

- Select the programme you want, e.g. the Short programme .
  The previous programme is then cancelled.
- Close the hood.
- Press control .
  The new programme will start.

Changing from a Special programme to the Universal programme

- Press control .
  The controls for the Special programmes are deactivated and do not light up.
- Close the hood.
- Press control .
  The Universal programme will start.

Cancelling a programme

- Press control .
- Close the hood.

Changing the setting for the automatic start mechanism on the hood

The dishwasher is fitted with an automatic start mechanism on the hood.

To deactivate or reactivate the automatic start mechanism, please contact the Miele Service Department.

Self-cleaning programme

This programme cleans the inside of the dishwasher, and pumps the dirty water out of the tank. The dishwasher will switch off automatically once the Self-cleaning programme has finished.

- Do not load the dishwasher.
- Close the hood.
- Press control for 3 seconds. The programme begins. Control will flash until the Self-cleaning programme has finished.
- Lift the hood.
- Leave the hood open to allow the cabinet to dry out.

The hood can be left ajar in its **"airing"** position. It rests in this position just above the fully-closed position. This is to ensure that the inside of the dishwasher dries thoroughly, and to avoid a build-up of unpleasant smells.

⚠ When the Self-cleaning programme has finished, the dishwasher switches itself off. However, please be aware that the machine is still connected both to the electricity mains and to the water supply.

- Close the stopcock to the water supply.
- Switch the dishwasher off at the mains.

⚠ In areas where there is a risk of frost, if the machine is not going to be used for a while, it is important to drain it completely to avoid the waterpipes freezing.

- Run the Self-cleaning programme.
- Disconnect the machine from the electricity mains and from the water supply.
- Drain the water hoses and reconnect them to the machine.

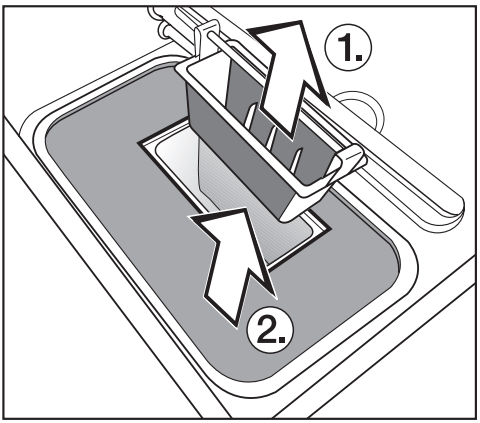
When you wish to use the machine again, reconnect it to the water supply, turn the electricity on again at the mains, and switch the machine back on.

The boiler will vent itself automatically. The boiler and tank will then fill up, and the water will heat to the correct temperature.

Cleaning the filters and cabinet

The filter combination in the base of the tank should be inspected regularly and cleaned if necessary.

⚠ Caution.
Watch out for glass splinters which could cause injury.



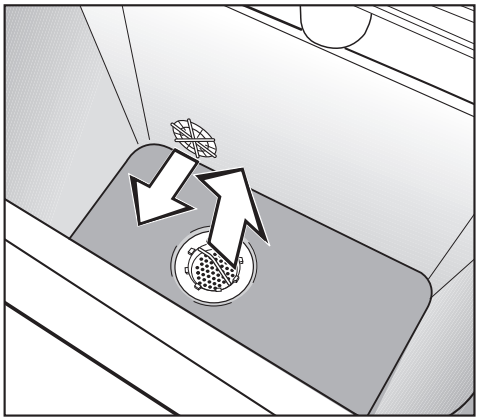
Cleaning the basket filter

■ Remove filter ① and clean it.

⚠ Take care. The handle may be hot. Danger of burning or scalding.

Cleaning the flat filter

■ Remove the flat filter ② and clean it.



Cleaning the pump filter

On the right hand wall of the water tank, there is a filter to protect the circulation pump.

■ Pull the filter out of its mounting, and clean it.

Cleaning the drain filter

At the bottom of the water tank there is a filter.

■ Remove the filter and clean it.

⚠ The machine must not be used without all the filters in place. Replace filters by carrying out the above steps in the reverse order.

Cleaning the wash cabinet

■ Check the cabinet for any residue or soiling, and clean with a brush.

With the aid of the following explanatory notes, minor faults can be corrected without contacting the Miele Service Department. Read the following descriptions and charts. To avoid unnecessary service call-outs, check that the fault has not been caused by incorrect operation. To do this:

- Read the following examples of different faults, and follow the advice given.

If you continue to experience difficulties which you are unable to correct yourself, or if you prefer to call out a Miele Service Technician, please quote the fault code (e.g. Err 12 - in the display) as well as the model type and number of your machine, which is given on the data plate inside the door (see also "Electrical connection"). See back cover for contact details.

- Do not open any part of the machine casing, or disturb any parts of the machine that require a tool. Danger of electric shock.
- Electrical work should only be carried out by a qualified technician. Disconnect the machine from the electricity supply.
- Do not turn the dishwasher on again until the fault has been rectified.
- Switch off the electricity at the mains.

Important: Switch the dishwasher off if the ϟ symbol lights up by pressing control . Then the message "Err", with the fault code, will light up (see following pages).

Correcting minor faults

Faults without "Err" in the display

Display	Problem	Cause/Effect	Remedy
–	You cannot switch the appliance on	– The machine is not switched on at the mains – Fuse defective or tripped	■ Switch the machine on at the mains ■ Test the fuse and change if necessary, and switch back on
–	Programme does not start	– Hood is not shut correctly – Correct temperature has not yet been reached	■ Shut the hood ■ Wait until control ◈ lights up green.
–	The dishes are not clean	– Not enough cleaning agent, or cleaning agent container is empty – Basket filter and/or flat filter dirty – Spray arm jets blocked	■ Fill up the cleaning agent container or add more powder detergent ■ Clean the basket filter and/or flat filter ■ Clean the spray arm jets

Faults with "Err" in the display, without the dishwasher switching off automatically

Display	Problem	Cause/Effect	Remedy
Err 5, 13, 15	– Stopcock shut – Function failure	– The dishwasher is not ready for use	■ Check whether the stopcock is open. Then switch the dishwasher back on. ■ If the fault persists, take a note of the fault code and contact the Miele Service Department.
Err 2, 3, 4, 6, 7, 8, 9, 10		– The dishwasher is not ready for use	■ Call the Miele Service Department.

Faults with "Err" in the display, and dishwasher switches off automatically

⚠ If the machine completely breaks down and becomes unusable, it will switch off automatically and display a fault code.

Display	Possible cause	Remedy
Dishwasher switches itself off and displays fault code Err 1; 11; 12	Mechanical fault	■ Call the Miele Service Department.
Dishwasher switches itself off, but has no fault displayed	Mechanical fault	■ Call the Miele Service Department.

Error message indicated by the control

⚠ **Control** flashes red: Caution: danger of scalding. Press the control to switch the dishwasher off.
The water temperature in the boiler or tank has risen above 95°C
Symbol lights up, and fault code Err 2 or Err 3 shows in the display. **Contact the Miele Service Department. Do not switch the dishwasher on.**

Control lights up red:
The water in the boiler or tank is below the required temperature (when the dishwasher is first switched on). As soon as the required temperature is reached, the control lights up green and the wash programme can be started.

Control flashes blue:
Inadequate pre-cleaning of load will block the filters and reduce the washing efficiency of the machine. The circulation pump switches off and the control flashes blue.

Remedy:

- Switch the dishwasher off using the button. The control continues to flash.
- Remove the filters, clean them, and replace. The light will stop flashing after 5 minutes.
- Press control to switch the dishwasher on again and continue the programme.
- Make sure you pre-clean utensils properly before loading in future.

Fault indications on dishwashers with special features

Display	Problem	Cause/Effect	Remedy
	– Cleaning agent or rinsing agent low	– The dishwasher is not ready for use	■ Replenish the cleaning agent or rinsing agent.
	– The water softener must be filled with reactivation salt.	– The dishwasher is not ready for use and the load will not be properly cleaned.	■ Replenish the salt reservoir

Please refer to the installation diagram supplied with the machine.

⚠ Furniture and fittings installed near the machine must be of a commercial standard able to withstand the effects of steam and condensation.

This dishwasher must not be used in areas where there is a risk of explosion.

The machine may only be installed and commissioned by a suitably qualified and competent person.

- The machine must be installed on a firm surface and levelled correctly. Any unevenness in the floor level can be compensated for and the height of the machine raised or lowered by adjusting the screw feet.

The machine can be installed in the following ways:

- With feed in and out tables positioned at a very slight angle so that any water from the utensils can drain back into the tank.
- In a corner, in which case the basket carriers will need to be adapted for the corresponding feed-through direction.
- The dishwasher must be accessible for servicing and maintenance work from the right hand side or from the front.

Dishwashers fitted with additional accessories, such as water softeners, pressure pumps etc, need to be installed with these in mind.

Electrical connection UK

⚠ All electrical work must be carried out by a suitably qualified and competent person in accordance with local and national safety regulations.

- Connection should be made via a suitable isolator, with an on-off switch which should be easily accessible for servicing work.
- For extra safety it is advisable to install a residual current device (RCD) with a trip current of 30 mA (in accordance with DIN VDE 0664, VDE 0100 Section 739).

WARNING

THIS APPLIANCE

MUST BE EARTHED

- Equipotential bonding should be carried out.
- The mains connection cable may only be replaced by an original Miele spare part or an appppropriate cable with wire end ferrule.
- For technical data see data plate or wiring diagram supplied.

The machine must only be operated with the voltage, frequency and fusing shown on the data plate.

The machine is **not convertible** .

The **data plate showing relevant test marks (VDE, DVGW etc.) is situated on the right hand side panel at the back.**

The wiring diagram is secured to the inner side of the service panel beneath the tank.

Bonding connection

There is a screw connection point marked with the earth symbol (⏚) in the front of the sump area, to which the earth lead must be connected.

There are further notes on electrical connection in the Installation diagrams supplied.

Connection to the water inlet

⚠ Water in the machine must not be used as drinking water.

- The machine must be connected to the water supply in accordance with local and national water authority regulations.
- The machine is constructed to comply with DVGW regulations in Germany, and may be connected to a suitable supply without an extra non-return valve provided that national regulations allow this.
- The water pressure (flow rate) must be a minimum of 0.8 bar (80 kPa).
  If the water pressure (flow rate) is below 2 bar (200 kPa) the fill time is automatically extended.
  The max. permitted static pressure is 6 bar (600 kPa).
  If the water pressure is not between 0.8 and 6 bar (80 - 600 kPa), please contact the Miele Service Department for advice.
- The machine is supplied as standard for connection to a hot water supply up to a max. temperature of 60 °C.
  The inlet hose must be connected to the hot water stopcock.
  If a hot water supply is not available the inlet hose must be connected to the cold water stopcock.
- A stopcock with 3/4 inch male thread must be provided on site. It should be easily accessible so that the water supply can be turned off when the machine is not in use.
- The DN 10 inlet hose is approx. 1.7 m long terminating in a 3/4 inch female thread.
- The large surface area filter (supplied with the machine) must be installed between the stopcock and the inlet hose.

⚠ The water inlet hose must not be shortened or damaged in any way.

See also the installation diagram supplied.

Plumbing

Drainage

Please refer to the installation diagram supplied with the machine.

- The dishwasher drainage system is fitted with a non-return valve which prevents dirty water from flowing back into the machine via the drain hose.
- The dishwasher is supplied with a flexible drain hose, approx. 1.5 m long (internal diameter DN 40 / DN 50), for connection to the on-site drainage system.
  The drain hose must not be shortened.
  A hose clip is supplied for connecting it.

Height with hood open	1.932 mm
Height with hood closed	1.469 mm
Width:	635 mm
Depth:	746 mm
Weight (net):	approx. 118 kg
Operating weight	approx. 160 kg
Tank volume:	42 l
Tank temperature:	65 °C
Voltage: Rated load: Fuse rating:	see data plate see data plate see data plate
Water pressure (flow rate):	0,8 - 6 bar (80 -600 kPa)
Hot or cold water supply:	up to max. 60°C
Noise level in dB (A): Sound level LpA	< 70
Test marks:	VDE, interference suppression, DVGW, CE

Customer contact

Should you have any difficulties please contact your authorised Service Dealer or the Miele Service Department.

– See back cover for contact details. Please quote the model and serial number of your machine. This information can be found on the data plate (see also “Electrical connection”).

Please note that telephone calls may be monitored and recorded to improve our service.

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